

in AP-5
5/19/02



United States Steel Corporation
Clairton Works
400 State Street
Clairton, PA 15025

ATS " 72-003-0002
APC/ O
ATA 00- Termination
DTA 020424

RECEIVED

MAY 07 2002

April 24, 2002 Air Protection Division (3AP22)

Dr. Roger C. Westman
Department of Air Quality
Bureau of Air Pollution Control
301 Thirty-Ninth Street
Pittsburgh, PA 15201

U.S. Environmental Protection Agency
Region III
Air, Radiation & Toxics Division
1650 Arch Street
Philadelphia, PA 19103-2029
ATTN: James W. Hagedorn (3AT23)

Assistant Council
Department of Environmental Protection
Division
Southwest Region
400 Waterfront Drive
Pittsburgh, PA 15222-4745
ATTN: Ward Kelsey, Esq.

Department of Justice
Environmental and Natural Resource
Environmental Enforcement Section
P.O. Box 7611
Ben Franklin Station
Washington, D.C. 20044
ATTN: David Street, Esq.

Subject: USS Reference Number: 02-0048
SCOT Plant
USS Clairton Works

Gentlemen:

The attached form terminates the planned outage. Any questions concerning this matter should be referred to Coleen M. Davis at 233-1015.

Sincerely,

R. R. Terza
General Manager
Clairton Works Raw Materials

NOTICE OF PLANNED OUTAGE OF EQUIPMENT
ARTICLE XXI - SECTION 2108.1

1. Planned Outage Number: 02-0048 Termination
 2. Date & Time of Breakdown: Date: 04/22/02 Time: 1030 hours
 3. Company Name: U.S. Steel Corporation - USS Clairton Works
 4. Specific Equipment Involved or Affected: SCOT Plant
 5. BAPC Permit Number (if applicable):
 6. Location: Clairton, PA
 7. Nature and cause of breakdown: The SCOT Plant will be taken out of service for approximately 3 days to switch reactors.
 8. Identification of Emissions:
 - A. Type(s) (CO, NOX, SO₂, Particulates, Hydrocarbons, etc.)
Elevated H₂S at the incinerator stack, causing increased SO₂ at point of combustion.
 - B. Toxic qualities of each type (including its qualities as an irritant, and its potential for causing illness, disability, or mortality). SO₂ is an eye, nose, and throat irritant.
 - C. Amount of each type emitted (or likely to be emitted).
- | Chemical | Quantity Released (lbs) |
|---------------------|-------------------------|
| CO | 397 |
| NO _x | 1728 |
| PM-2.5 (filterable) | 94 |
| PM-10 (filterable) | 94 |
| PM (condensable) | 70 |
| SO ₂ | 443.7 |
| TSP | 134 |
| VOC | 987 |
9. Measures taken (or to be taken) to minimize length of breakdown and amount of emissions, including shutdown or curtailment (or why it is impossible or impractical to do so). The SCOT Plant returned to normal upon completion of the task.
 10. Facility back in operation - Date: 04/23/02 Time: 2000 hours

Signature Coleen M. Davis Date 4/29/02
Coleen M. Davis
Environmental Control Engineer Phone: 233-1015